5/10

DART AEROSPACE LTD	Work Order :	22364
Description: Step Extrusion	Part Number:	D2622-120C
04.04.27 #		
Drawing: D2622 Rev. C1	Qty:	110 48
		Page 1 of 1

Step	Location	Procedure	"Ву	Date	Qty
1	DC	Issue Traveller	A	05.02.08	110
2	PG	Issue P/O: 100 + 300 a) Extrude as per Dwg D2622 Rev. C(b) Material: 6061-T6 (QQ-A-200/8) c) Minimum yield tensile strength = 35 ksi d) Minimum ultimate tensile strength = 38 ksi e) Minimum elongation = 8% f) Order at 120" long g) Bon L Canada Inc. tool #897123 Rev. A h) To be packed per DSK 066 i) Pull test to ASTM standard B221 required. j) Material certification is required	и	J. 92.09	(10
3	RG	Inspect for transit damage Ensure Certification are attached	Cd	05/02/25	148
4	QC6	Inspect dimensions per Dwg D2622 Check Pull test per Dwg D2622 for compliance page attached. Check hardness with Webster tester	N	NS04.25	149
5	ST	Identify and Stock as D2622-120C	A	0504.2	144
6	AC	Cost / part 23.95	541	05.0Y-Z7	/4/
7	DC	Close W/O Z3.8/ Inspect Level 21	#	05.04.29	148

Rev	Date	Change	Revised By	Approved
Α	02.11.12	New Issue	KJ 字	4
				7



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGE	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By Date			Approval Mfg / Design Mgr	Approval QC Inspector		
						:			
		•							

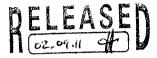
NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	Approval	Approval			
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	QC Inspector			
								-			
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Part No:	PAR #:	Fault Category:	NCR:	Yes	No	DQA:	Date:	
NOTE: Date & initial all entries				QA: N	N/C C	losed:	Date:	* * *

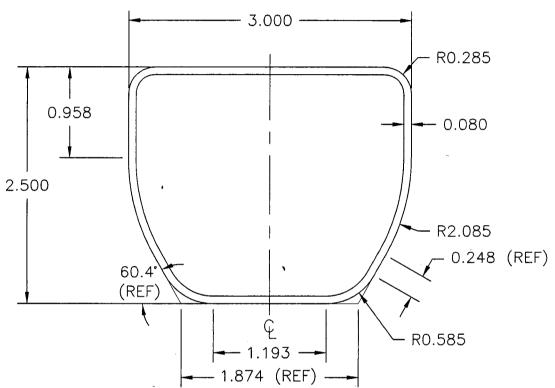




	DESIG	KE	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
ſ	CHECK	KED IN	APPROVED	DRAWING NO. REV. C
		91	9	D2622 SHEET 1 OF 1
ſ	DATE			TITLE SCALE
	02.0	9.11		STEP EXTRUSION 1:1
	Α		96.11.29	NEW ISSUE
	В		97.12.12	CHANGE MATERIAL, ADD TOL. QSI
			02 09 11	O DRO WAS O DRS: ADD PART & DIE NO



- 1			*****
-	02.0	9.11	STEP EXTRUSION 1:1
	Α	96.11.29	NEW ISSUE
	В	97.12.12	CHANGE MATERIAL, ADD TOL. QSI
	С	02.09.11	0.080 WAS 0.085; ADD PART & DIE No.
I	CI	# CP 02.10.04	ADD 'REV. A' TO DIE NUMBER.



D2622-XXX STEP EXTRUSION

- 1) PART NUMBER IS D2622-XXX WHERE 'XXX' IS CUT LENGTH IN INCHES (EG. D2622-120 IS 120" LONG)
- 2) MATERIAL 6061-T6 (QQ-A-200/8)
- 3) MANUFACTURED USING BON-L DIE # 897123 Rev. A /61
- 4) A SAMPLE FROM EACH BATCH WILL BE PULL TESTED TO ASTM STANDARD B221 BY AN APPROVED TESTING FACILITY TO ENSURE THAT THE BATCHSHOP COPY MEETS THE MINIMUM MECHANICAL PROPERTIES STATED BELOW: RETURN TO

MINIMUM TENSILE YIELD STRENGTH = 35 ksi MINIMUM ULTIMATE TENSILE STRENGTH = 38 ksi MINIMUM ELONGATION = 8%

ENGINEERING UNCONTROLLED COPY SUBJECT TO ALIELY INT WITHOUT NOT.C.

- 5) PART IS SYMMETRIC ABOUT CENTERLINE
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

WORK ORDER NO. 22364

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Job Costing Report

Dart Aerospace Ltd. Hawkesbury Feb 07, 2005 03:58 pm

Work Order No	: 0022364		
Project Name	: D2622-120C	Department Code	:
Project For	: WK510	Burden Flags	: NNNNNN
Work Order Type	: Main		: Open
Main WO Number	:	Invoice State	: Not Invoiced
House Part Number	: D2622-120C	Invoice Date	:
Description : Ex	trusion	Invoice Number	:
Manufactured : Ye	s	Invoice Amount	: 0.00
Amount Req'd:	110		
Amount Done :	0	Order Entry No	:
Start Date	: 02-07-05	OE Value	: 0.00
Est Finish Date	: 02-28-05		
Act Finish Date	:	Est Margin	: 0.000%
Drawings Reqd	: No	Actual Margin	: 0.000%
Ok for Approval	:		
Approval Rec'd	:	\$0 Posted to Fi	nished Goods

		Estimated	Actual	Var. %	Posted	To Post
Material Cost	==:	 0.00	0.00	0.00	0.00	0.00
Engineering Hours	:	0.00	0.00	0.00		
Engineering Cost	:	0.00	0.00	0.00	0.00	0.00
Production Hours	:	0.00	0.00	0.00		
Production Cost	:	0.00	0.00	0.00	0.00	0.00
Packaging Hours	:	0.00	0.00	0.00		
Packaging Cost	:	0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	0.00	0.00	0.00		
OverHead Cost	:	0.00	0.00	0.00	0.00	0.00
CNC Hours	:	0.00	0.00	0.00		
CNC	:	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	0.00	0.00	0.00		
Misc.	:	0.00	0.00	0.00	0.00	0.00
		========	========	======		*
Burden	:	0.00	0.00	0.00		
			========	======		
Total Cost	:	0.00	0.00	0.00		
Margin	:	0.000	0.000			
Selling Cost	:	0.00	0.00			

		Estimated	Actual
Labour Hrs/Amount Done	:	0.00	0.00
Profits/(Loss)	:	0.00	0.00



BON L CANADA INC

500 EDWARD AVENUE RICHMOND HILL, ON L4C 4Y9

CERTIFICATE OF COMPLIANCE

Cert Date	Cert No	Sales Order	Page
02/24/05	118293	39464	1
Cust PO	B/I No	Lot	Date
2007530	00254631	39464010	2/24/05

.024 .001 .000

46024

46024 Sold To

DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Shin Ta DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

ttem No	Part No Item D	escription			Cust Part
1.000	DAA-897123-1 12	0" Mill 6061 T6			D2622
Gross Weight	643 KGS				
Net Qty	613 KG	148 PC	451	М	3 PKG
Specification				Die Des	sc
Á	MS-QQ-A-200/8 & ASTI	И В221-00			

Mechanical Tests: Bend/ Yield Test Tensile Conductivity Drift HR-E %Elongation MPA / KSI MPA / KSI No. 93 345.6 (50.1 306.2 (10.2 Chemical Analysis: GA ZR OTHER ΝI ΖN CR MG

.630 .310 .230 .030 .860 .040 .010 .048 .000 .007 This will certify that the material described herein has been inspected and tested in accordance with Bon L Canada's standard sampling and testing procedures or in accordance with the requirements of any specifications forming a part of the material description to the extent indicated herein. Data of chemical composition for the material and test results from samples representative of the material are set forth above hereof or in any attachments hereto. This information shows that the material meets the applicable requirements. Inspection and test records are maintained on file. This certificate shall be deemed apart of and subject to the terms and conditions of warranty set forth on the reverse side of our order acknowledgement form. No other warranties are applicable.

Paul Dailleboust, QA Manager Signed for Bon L Canada